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VOL. XXX, No. 9 — SEPTEMBER, 1982

SUMMARY OF MONTHLY ACTIVITIES

Production of crude oil and condensate from oil and gas areas of Montana for the month of September, 1982 averaged 84,694 barrels daily, a decrease of 1,743 barrels from the average 86,437 production in August, 1982.

During September, 1982 the board issued 78 permits to drill new wells, a decrease of 9 from the 87 permits issued during August, 1982.

The six refineries in the state processed a total of 3,910,797 barrels of crude oil during the month of September, 1982 for a daily average of 130,630 barrels resulting in an increase of 2,202 from the 128,158 processed daily during the month of August, 1982. A total of 1,837,301 barrels were exported from Montana during September, 1982.

During September, 1982, 86 wells were completed, 39 oil, 28 gas, and 19 dry holes.

OIL PRODUCERS REPORT — MONTH OF SEPTEMBER, 1982

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Alkali Coulee	Red River	1	311	339	600	728
Andes	Red River	1	373	338	200	200
Antelope, North	Red River	1	189	—	643	274
Anvil	Nisku	1	4,381	4,030	13,870	3,848
Anvil	Ratcliffe	1	835	1,040	371	3,480
Anvil	Red River	6	19,866	19,401	6,524	16,978
Anvil, North	Ratcliffe	1	292	331	4,500	—
Arch Apex	Sunburst	5	443	675	—	—
Ash Creek	Shannon	3	569	563	2,850	—
Bainville, North	Ratcliffe	1	790	936	272	899
Bainville, North	Red River	6	10,981	10,543	2,675	8,846
Bainville, North	Winnipegosis	1	3,343	3,644	146	2,339
Bainville, West	Red River	4	2,118	2,522	3,048	1,879
Bainville II	Red River	1	2,619	2,099	483	390
Bannatyne	Swift	13	853	813	—	—
Bears Den	Swift	6	619	440	—	—
Belfry	Tensleep	1	185	—	1,535	740
Bell Creek (Non-unit)	Muddy	11	2,550	2,334	4,376	229
Bell Creek (Unit "A" Secondary Recovery)	Muddy	53	114,942	114,590	781,784	—
Bell Creek (Unit "A" Tertiary Recovery)	Muddy	28	20,329	21,401	731,062	—
Bell Creek (Unit "B")	Muddy	19	22,312	22,166	310,083	—
Bell Creek (Unit "C")	Muddy	15	10,223	10,348	150,265	—
Bell Creek (Unit "D")	Muddy	19	39,417	39,298	152,744	—
Bell Creek (Unit "E")	Muddy	25	19,218	20,421	88,203	—
Bell Creek (Unit Ranch Creek)	Muddy	16	4,512	4,382	107,899	—
Benrud, East	Nisku	3	5,046	4,615	36,254	1,200
Benrud, Northeast	Nisku	1	828	749	9,511	350
Berthelote	Sunburst	1	50	—	—	30
Big Gully	Tyler	2	290	—	—	—
Big Gully, North	Tyler	1	126	189	107	—
Big Muddy Creek	Mission Canyon	2	4,230	3,569	407	2,011
Big Muddy Creek	Red River	3	4,890	5,096	6,121	1,806
Big Rock	Blackleaf	9	38	—	—	—
Big Wall	Amsden	2	600	600	45,000	—
Big Wall (Non-unit)	Tyler	4	1,000	1,000	60,000	—
Big Wall, (Tyler "B" Unit)	Tyler	5	1,000	1,000	100,000	—
Black Diamond	Red River	2	2,154	2,201	2,875	—
Blackfoot	Greenhorn, Cut Bank, Madison	8	2,991	2,131	6,899	—
Blue Hill	Red River	2	1,591	1,049	4,771	1,523
Border (Non-unit)	Sunburst	3	196		—	—
Border (Old Border Unit)	Sunburst	4	394	194	9,030	—
Boulder	Red River	1	714	823	3,041	273
Bowes (Sawtooth Unit)	Sawtooth	50	7,000	7,000	—	—
Box Canyon	Red River	2	1,532	1,527	4,301	—
Bradley	Madison, Sunburst	2	418	—	1	—
Brady	Sunburst	14	1,006	1,618	—	—
Bredette	Charles	1	401	291	1,752	—
Breed Creek	Tyler	4	5,808	5,352	—	—
Brorson	Madison	7	3,356	3,701	3,458	2,147
Brorson	Red River	3	4,785	5,060	4,048	2,726
Brorson, South	Madison	1	510	345	118	—
Brorson, South	Red River	3	4,091	4,278	1,974	4,261
Brush Lake	Red River	5	7,735	7,258	15,599	5,640
Burget	Red River	1	243	—	4,100	261
Burget, East	Nisku	1	300	—	4,061	—
Burget, East	Ratcliffe	3	1,073	1,040	6,355	500
Burget, East	Red River	1	622	443	649	—
Burns Creek	Red River	2	870	1,082	1,560	716
Burns Creek, South	Red River	1	1,296	1,388	5,355	660
Cabin Creek (Unit #2)	Madison	7	7,296	7,296	316,723	1,919
Cabin Creek (Unit #1)	Siluro-Ord	72	116,637	116,637	368,222	44,135
Canal	Madison	3	5,561	5,573	2,361	3,945
Canal	Red River	1	1,319	1,746	50	2,185
Cannonball	Red River	1	828	761	1,160	—
Carlyle	Red River	2	2,641	2,523	15,100	869
Cat Creek	Amsden	2	111	196	1,820	—
Cat Creek (Non-unit)	Cret./Jur.	15	1,527	1,001	32,111	—
Cat Creek (East Dome)	Swift	11	1,077	834	3,674	—
Cat Creek (Unit #1)	1st & 2nd Cat	19	2,323	2,345	67,496	—
Cat Creek (Unit #2)	2nd Cat	10	699	690	30,450	—
Cat Creek (Mosby Dome)	Swift	8	708	706	22,300	—
Charlie Creek	Nisku, Duperow	2	2,538	2,735	3,149	745
Charlie Creek, East	Red River	3	3,909	4,078	8,433	3,519
Charlie Creek, North	Nisku	2	560	454	9,065	362
Charlie Creek, North	Red River	1	154	154	—	5,354
Clark's Fork	Frontier	1	5	—	—	375
Clear Lake	Madison	2	2,155	2,012	5,953	1,366

OIL PRODUCERS REPORT — MONTH OF SEPTEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Clear Lake	Nisku	2	728	352	1,329	711
Clear Lake	Red River	7	13,685	14,154	15,319	11,867
Colored Canyon	Red River	6	6,823	7,062	7,859	7,106
Comertown	Ratcliffe	1	1,098	1,002	2,653	480
Comertown	Red River	5	19,134	16,895	5,698	2,339
Cow Creek	Charles	1	300	300	1,500	—
Cow Creek, East	Kibbey	11	5,398	5,805	57,982	—
Crane	Devonian	4	19,278	19,571	4,170	16,366
Crane	Red River	1	1,131	1,123	1,027	—
Crane, North	Red River	1	596	—	1,863	834
Culbertson	Red River	1	312	—	1,569	156
Cupton	Red River	8	8,597	7,373	18,092	3,491
Cut Bank (Non-unit)	Cut Bank	127	26,362	24,169	98,830	227,740
Cut Bank (Non-unit)	Madison	38	9,272	8,961	93,268	—
Cut Bank (Humble-Landers S.U.)	Cut Bank	1	109	109	2,252	—
Cut Bank (Marena West C.B.S.U.)	Cut Bank	1	36	—	—	—
Cut Bank (North Central C.B.S.U.)	Cut Bank	86	6,399	7,216	1,441	—
Cut Bank (North East C.B.S.U.)	Cut Bank	50	2,000	2,000	—	—
Cut Bank (North West C.B.S.U.)	Cut Bank	14	804	804	2,788	—
Cut Bank (South Central C.B.S.U.)	Cut Bank	82	17,355	17,304	7,185	—
Cut Bank (South East C.B.S.U.)	Cut Bank	50	3,000	3,000	—	—
Cut Bank (South West C.B.S.U.)	Cut Bank	187	17,790	18,067	266,555	—
Cut Bank (Tesoro CBSU)	Cut Bank	23	1,822	1,790	24,443	303
Cut Bank (Tweedy South C.B.S.U.)	Cut Bank	6	893	823	4,800	—
Cut Bank (Two Medicine C.B.S.U.)	Cut Bank	90	11,332	11,332	171,382	—
Dagmar	Red River	3	3,936	3,323	4,688	4,349
Dagmar, North	Red River	1	653	636	2,791	570
Darling (Non-unit)	Moulton	9	1,944	1,778	—	—
Darling (North Darling S.U.)	Moulton	1	30	—	30	—
Darling (South Darling S.U.)	Moulton	1	87	—	87	—
Deadman's Coulee	Nisku	4	6,196	6,570	63,346	—
Dean Dome	Greybull	4	1,169	1,100	44	—
Deer Creek	Interlake	1	400	400	2,000	—
Delphia	Amsden	2	420	399	—	—
Devils Basin	Heath	12	1,228	800	585	—
Diamond Point	Red River	1	1,902	1,491	3,610	—
Divide	Mission Canyon	15	23,409	23,123	48,514	10,581
Dry Creek	Greybull	1	957	340	—	—
Dry Creek	Virgelle	5	418	111	1	9,139
Dugout Creek	Red River	1	2,285	2,386	2,432	3,757
Dwyer (Non-unit)	Ratcliffe	1	584	1,188	7,563	207
Dwyer (Unit)	Ratcliffe	9	9,789	9,992	8,066	2,191
Dwyer	Red River	1	4,849	5,024	17	1,273
Eagle	Madison	28	16,965	17,124	43,296	9,048
Eagle	Red River	1	1,800	1,616	29	1,445
Elk Basin	Big Horn	—	—	—	45,700	—
Elk Basin	Frontier	13	368	368	16,464	—
Elk Basin	Madison	25	29,565	29,569	421,739	11,129
Elk Basin	Tensleep	18	21,035	21,035	32,514	35,815
Elk Basin, Northwest	Tensleep	4	585	743	7,514	41
Enid, North	Bakken	1	1,556	1,353	6	2,104
Enid, North	Red River	2	1,696	2,260	1,638	1,017
Epworth	Red River	1	1,087	1,328	1,674	1,070
Fairview	Madison	5	3,349	2,556	4,437	(3,506)
Fairview (Non-unit)	Red River	5	13,605	14,112	6,320	16,235
Fairview (Northwest Unit)	Red River	4	7,384	7,519	1,889	17,219
Fairview, East	Red River	2	6,653	6,376	984	4,984
Fairview, West	Ratcliffe	1	2,054	2,176	81	818
Fertile Prairie	Red River	4	3,205	2,999	2,820	991
Fishhook	Red River	2	8,625	8,686	2,996	5,466
Flat Coulee (Non-unit)	Swift	3	161	163	—	—
Flat Coulee (Swift S.U.)	Swift	16	13,771	13,788	13,702	—
Flat Coulee, East	Sawtooth	—	—	—	693	—
Flat Lake (Non-unit)	Ratcliffe	6	5,350	5,501	9,553	1,093
Flat Lake (Flat Lake Unit)	Ratcliffe	35	23,891	23,865	136,995	5,339
Flat Lake (West Flat Lake Unit)	Ratcliffe	11	7,033	6,730	26,698	2,171
Flat Lake, South	Ratcliffe	6	5,645	5,980	11,896	258
Flaxville	Madison	2	6,171	4,759	6,209	1,250
Fort Gilbert	Madison	14	12,750	11,766	29,058	7,114
Fort Gilbert	Red River	3	3,023	2,838	5,710	1,647
Four Mile Creek	Red River	1	1,541	1,795	806	1,277
Four Mile Creek, West	Red River	2	2,022	2,188	1,843	489
Fox Creek	Mission Canyon	1	1,079	952	2,001	800
Fox Creek	Red River	1	798	874	1,164	758
Fox Creek, North	Silurian	1	69	256	523	28

OIL PRODUCERS REPORT — MONTH OF SEPTEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Frannie	Tensleep	1	570	570	27,489	5
Fred & George (Non-unit)	Sunburst	20	3,558	3,081	586	—
Fred & George ("A" S.U.)	Sunburst	15	13,531	13,114	269,917	—
Frog Coulee	Red River	1	611	631	201	119
Froid, South	Ratcliffe	1	810	535	3,169	650
Froid, South	Red River	1	(98)	(97)	1,184	(99)
Gage	Amsden	4	945	944	975	—
Gas City (Non-unit)	Red River	3	1,216	1,698	3,212	94
Gas City (Gas City Wtrfld)	Red River	7	8,641	13,418	38,415	484
Girard	Interlake Red River	1	427	422	205	—
Glacier, East	Greenhorn Sh	1	282	—	—	—
Glendive	Stony Mountain	14	10,816	10,913	71,666	1,101
Golden Dome	Greybull	1	114	61	—	—
Goose Lake (Non-unit)	Ratcliffe	12	9,677	9,771	75,209	566
Goose Lake (N. Goose Lake Unit)	Ratcliffe	20	8,456	8,459	155,185	2,308
Goose Lake	Red River	1	861	701	2,798	563
Goose Lake, West	Red River	1	5,000	5,000	200	3,588
Gossett	Mission Canyon	2	1,213	1,084	5,444	699
Graben Coulee	Madison, Swift, C.B.	72	7,494	5,673	18,344	—
Grandview, East	Swift	3	457	364	—	—
Green Coulee	Red River	2	2,175	1,572	—	—
Gumbo Ridge	Tyler	4	5,590	5,451	26,384	286
Gunsight	Madison	2	2,608	3,110	18,020	369
Gypsy Basin	Sawtooth, Sunburst, Swift, Madison	5	2,179	1,829	—	4,329
Hard Pan	Swift	1	69	—	37	—
Hawk Creek	Amsden	1	190	180	74	—
Hawk Haven	Mission Canyon	1	166	177	570	—
Hay Creek	Mission Canyon	2	949	850	1,096	(1,753)
Hay Creek	Red River, Interlake	2	1,572	1,505	4,987	913
Hiawatha	Tyler	4	1,876	2,594	6,060	98
Hibbard	Amsden	2	1,122	804	13,937	—
High Five	Tyler	13	12,834	13,006	28,721	572
Highview	Madison	4	339	223	110	484
Honker	Red River	1	1,307	1,431	4,443	1,304
Horse Creek	Swift	1	69	70	23	(27)
Howard Coulee	Tyler	1	446	405	—	—
Injun Creek	Tyler, Stensvad	1	3,481	2,098	—	—
Intake II	Red River	2	6,887	6,887	500	—
Ivanhoe	Tyler	8	1,044	1,835	2,868	—
Jim Coulee (Jim Coulee Unit)	Tyler	12	8,487	8,796	54,824	679
Jim Coulee, North	Tyler	1	738	627	2,952	44
Katy Lake, North	Mission Canyon	3	10,612	10,697	16,973	4,588
Katy Lake, North	Red River	5	24,857	23,978	8,474	18,147
Keg Coulee (Non-unit)	Tyler	6	3,130	2,146	697	170
Keg Coulee (Tyler "C" S.U.)	Tyler	7	866	988	232	—
Keg Coulee, North	Tyler	3	1,513	1,335	4,663	—
Kelley (Tyler S.U.)	Tyler	2	698	421	8,865	93
Kevin Sunburst (Non-unit)	Sawtooth, Madison, Sunburst	778	46,881	47,261	171,117	13
Kevin Sunburst (Homestake S.U.)	Sunburst	23	4,722	3,502	34,946	—
Kevin Sunburst (Texaco Unit)	Sunburst	8	200	200	1,000	—
Kicking Horse	Sunburst	1	9	—	—	—
Kincheloe Ranch, West	Tyler	4	5,968	5,719	—	1,659
Krug Creek	Red River	—	—	164	—	—
Laird Creek (Laird Creek Unit)	Swift	6	815	709	134	107
Lambert	Red River	3	8,883	8,218	4,058	3,758
Lambert, North	Red River	1	671	993	908	—
Landslide Butte	Sun River	3	219	—	600	129
Lariat	Red River	—	—	—	365	—
Leary	Muddy	3	2,248	2,710	5,103	2,034
Little Beaver (Non-unit)	Red River	1	439	439	274	—
Little Beaver (Cedar Ck Anticline)	Red River	24	31,816	31,816	79,877	2,016
Little Beaver, East	Red River	9	10,226	10,253	32,191	953
Little Phantom	Sunburst	1	544	702	—	—
Little Wall Creek	Tyler	28	24,690	23,666	16,598	3,278
Lodge Grass	Tensleep	1	558	571	31	—
Lone Butte	Red River	2	198	—	1,379	525
Lonetree Creek	Red River	9	11,348	12,488	4,524	13,612
Lonetree Creek, West	Red River	1	1,380	1,330	7,867	—
Long Creek	Charles	1	355	512	152	—
Long Creek, West	Nisku	2	3,590	3,844	9,967	—
Lookout Butte (Shell Wtrfld)	Mission Canyon	3	2,294	2,294	6,967	925
Lookout Butte (Coral Creek Unit)	Lodgepole, Red River	26	34,313	34,313	108,991	7,447
Lookout Butte (Non-unit)	Red River	3	6,865	7,201	18,814	1,956
Lowell	Red River	3	2,685	2,965	3,126	1,109
Lustre	Charles	4	24,421	20,296	22	—
Mackay Dome	Greybull	4	1,309	885	684	—
Malcolm Creek	Mission Canyon	1	200	200	20,000	1,000

OIL PRODUCERS REPORT — MONTH OF SEPTEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Mason Lake	Dakota	14	5,432	5,498	7,467	3,300
Mason Lake, North	Amsden	1	124	192	62	—
McCabe	Ratcliffe	3	2,232	1,521	1,426	1,586
McCabe, South	Nisku, Red River	1	692	660	3,032	—
Medicine Lake	Red River	11	24,196	24,554	17,920	23,452
Melstone	Tyler	14	17,652	17,746	5,895	4,668
Midby	Red River	1	5,606	5,388	6,172	4,754
Miners' Coulee	Sunburst	4	179	—	—	193
Missouri Breaks	Red River	1	13,672	13,101	660	10,723
Mon Dak West	Duperow	1	927	930	2,431	675
Mon Dak West	Madison	26	30,808	30,413	60,830	19,285
Mon Dak West	Red River	7	30,733	30,065	7,916	26,789
Mona	Red River	1	2,929	2,999	30	6,347
Monarch (Non-unit)	Madison	2	330	330	21,843	—
Monarch (Non-unit)	Siluro-Ord.	7	5,914	5,776	5,635	32
Monarch (Monarch Unit)	Siluro-Ord.	5	4,374	4,538	2,214	138
Mosser Dome	Kootenai	11	700	700	—	—
Mustang	Red River	3	4,880	5,977	2,912	4,425
Nohly	Red River	2	4,097	4,254	603	4,254
North Fork	Madison	2	1,317	1,334	2,450	713
North Fork	Red River	2	906	986	122	1,976
Ollie	Duperow	1	1,551	1,291	2,700	1,381
Ollie	Red River	1	1,542	1,557	5,360	531
Otis Creek	Red River	1	2,653	2,624	537	—
Otis Creek, South	Red River	2	4,373	4,663	4,890	3,938
Otter Creek	Red River	1	557	965	5,640	721
Outlook	Duperow	1	3,937	3,937	73,847	2,824
Outlook	Red River	3	4,510	4,510	282,657	4,128
Outlook	Winnipegosis	2	1,163	1,163	77,796	374
Outlook, South	Winnipegosis	1	449	—	20,810	—
Outlook, West	Winnipegosis	2	883	359	9,447	51
Oxbow	Red River	1	934	1,203	2	870
Palomino	Nisku	2	13,620	14,124	37,467	506
Pelican	Red River	1	2,060	1,791	269	1,532
Pennel	Mission Canyon	139	257,891	257,891	332,756	45,583
Pete Creek	Sunburst	1	128	166	—	—
Phantom	Sunburst	2	259	341	—	—
Pine (Non-unit)	Red River	2	1,696	2,287	4,654	162
Pine ("A" Unit)	Madison	1	565	440	80,149	—
Pine (A & E Units)	Red River	77	153,486	153,507	644,640	29,385
Pine ("C" Unit)	Red River	15	11,533	11,512	33,095	796
Plentywood	Red River	1	685	343	562	518
Pondera	Sun River	319	32,738	32,020	172,366	—
Pondera Coulee	Sun River	3	77	—	175	30
Poplar, East	Charles	49	21,305	22,124	595,508	—
Poplar, East	Heath	1	389	386	12,578	—
Poplar, East	Nisku	1	318	318	41,844	—
Poplar, Northwest	Madison	18	7,963	8,033	99,068	1,200
Poplar, Southeast	Charles	1	252	252	36,000	—
Prairie Elk	Charles	1	120	76	—	—
Prichard Creek	Sunburst	5	661	708	4,744	137
Putnam	Interlake	1	534	534	4,089	894
Putnam	Mission Canyon	5	4,476	4,392	3,042	2,841
Putnam	Red River	10	18,617	18,632	16,748	20,783
Rabbit Hills	Sawtooth	5	5,557	5,321	5,780	—
Ragged Point (Non-unit)	Tyler	15	2,185	2,290	316	—
Ragged Point (Tyler "A" Unit)	Tyler	7	1,267	1,804	2,288	—
Rattler Butte	Tyler	4	20,387	20,829	578	7,553
Rattlesnake Coulee	Sunburst	2	79	—	24	—
Raymond	Mississippian	9	6,542	7,001	57,010	3,982
Raymond (Raymond Nisku Unit)	Nisku	1	886	922	2,261	219
Raymond	Red River	2	3,441	3,477	3,870	1,171
Raymond	Winnipegosis	2	7,461	7,587	2,224	870
Raymond, Northeast	Nisku	1	150	—	4,190	38
Reagan	Madison	49	21,566	21,466	39,549	36,230
Red Bank	Madison	13	17,159	17,113	18,915	5,747
Red Bank	Red River	3	6,686	6,682	4,058	—
Red Bank, South	Red River	1	5,608	5,722	1,025	5,606
Red Creek	Cut Bank	7	1,243	1,243	18,635	494
Red Creek	Madison	12	3,579	3,598	110,829	1,426
Red Fox	Nisku	1	256	247	8,310	76
Redstone	Winnipegosis	1	460	254	1,188	76
Refuge	Red River	1	1,236	1,396	1,283	1,286
Repeat	Red River	1	434	434	5,000	—
Reserve	Red River	5	10,775	10,522	41,544	6,962

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Richey	Charles	3	1,182	1,370	1,726	—
Richey	Mission Canyon	1	212	243	1,146	—
Richey, East	Charles	1	396	488	5,428	1,800
Richey, Southwest	Siluro-Ord.	2	319	427	2,259	271
Ridgelawn	Madison	29	23,369	24,551	33,853	14,303
Ridgelawn	Red River	5	27,184	26,848	3,553	20,089
RipRap Coulee	Ratcliffe	5	3,941	3,695	4,427	—
River Bend	Red River	1	4,916	5,746	106	—
Rocky Point	Red River	2	7,792	7,945	228	10,247
Roscoe Dome	Lakota	2	486	—	—	—
Rosebud	Tyler	5	1,137	633	7	142
Royals	Dawson Bay	1	2,463	2,463	—	—
Royals, South	Dawson Bay	1	80	210	396	—
Royals, South	Interlake	1	391	433	1,279	—
Rush Mountain	Red River	1	1,373	1,585	942	808
Salt Lake	Nisku	3	1,194	1,386	929	—
Second Creek	Red River	4	4,150	4,171	4,660	10,304
Sheepherder	Tyler	3	200	378	10	—
Shotgun Creek	Red River	1	1,693	1,599	5,709	340
Shotgun Creek, North	Red River	2	644	664	5,078	336
Sidney	Madison	25	16,389	16,823	24,251	14,583
Sidney	Red River	2	4,717	4,497	4,356	2,642
Sidney, East	Madison	9	6,967	7,091	6,907	4,639
Singletree	Red River	1	2,509	2,124	10,614	1,009
Sioux Pass	Madison	1	1,041	1,469	192	1,230
Sioux Pass	Siluro-Ord.	8	11,685	11,783	3,911	13,071
Sioux Pass, East	Red River	2	432	575	2,745	390
Sioux Pass, Middle	Red River	6	10,003	10,576	1,330	8,341
Sioux Pass, North	Madison	3	2,360	2,685	2,130	952
Sioux Pass, North	Red River	13	26,242	26,593	6,020	20,587
Sioux Pass, South	Red River	1	2,788	2,228	2,997	13,274
Snyder	Tensleep	3	444	139	7,380	—
Soap Creek	Tensleep	33	4,633	4,784	141,116	—
Soap Creek, East	Tensleep	3	767	903	—	—
South Fork	Mission Canyon	1	485	387	793	438
South Fork	Red River	3	5,469	5,822	2,398	5,320
Spring Lake	Bakken	1	1,094	1,054	—	682
Spring Lake	Red River	2	1,487	899	1,635	1,190
Spring Lake, South	Red River	1	1,644	1,833	178	2,729
Stampede	Red River	2	4,041	4,018	1,275	2,728
Stampede, North	Nisku	1	100	100	—	—
Stensvad	Tyler	4	1,159	1,154	5,816	—
Strawberry Creek	Sawtooth	1	11	—	—	—
Sumatra (Non-unit)	Tyler	20	10,531	10,690	6,162	537
Sumatra (Central Sumatra S.U.)	Tyler	18	13,000	13,000	400,000	—
Sumatra (Grebe-Tyler S.U.)	Tyler	1	1,344	822	590	223
Sumatra (Kincheloe Wtrfld U.)	Tyler	16	9,375	9,031	21,352	—
Sumatra (N.E. Sumatra S.U.)	Tyler	5	3,000	3,000	40,000	—
Sumatra (Sawyer Wtrfld. Unit)	Tyler	2	373	—	1,532	—
Sumatra (S.E. Sumatra S.U.)	Tyler	15	6,992	1,597	41,034	—
Sumatra (West Sumatra Unit)	Tyler	11	9,031	9,031	304,953	1,015
Sunnyhill	Madison	3	269	330	2,940	82
Sunnyhill	Red River	2	1,042	703	5,550	469
Target	Madison	8	12,484	11,623	35,394	3,271
Three Buttes	Madison	1	59	—	209	48
Three Buttes	Gunton, Red River	3	4,057	4,139	3,419	4,191
Tippy Butte	Tyler	1	1,072	998	38	302
Tule Creek	Nisku	5	8,661	8,887	65,639	1,101
Tule Creek, East	Nisku	1	639	—	20,660	858
Tule Creek, South	Nisku	1	326	—	11,760	420
Two Medicine Creek	Mission Canyon	—	—	139	—	—
Two Waters	Red River	1	491	697	90	1,064
Utopia	Swift	19	3,340	3,248	306	—
Vaux	Interlake	2	7,702	6,708	874	3,687
Vaux	Mission Canyon	12	6,936	7,341	7,730	4,986
Vaux	Red River	7	16,559	12,653	12,612	10,500
Vida	Interlake	1	446	491	708	—
Volt	Charles	1	247	264	1,826	—
Volt	Nisku	5	5,671	6,184	40,488	—
Wagon Box	Tyler	1	26	211	1	—
Wagontrail	Red River	1	2,773	2,632	1,989	1,875
Weed Creek	Amsden	1	314	607	44,797	60
Weldon	Kibbey	2	1,584	727	156,500	—
West Butte	Sunburst	4	1,028	838	—	1,572
West Fork	Charles	1	149	—	1,497	93
Whitlash	Sunburst, Swift	81	10,864	10,925	261	12,833

OIL PRODUCERS REPORT — MONTH OF SEPTEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Whitlash, West	Sunburst	3	693	208	—	—
Willow Creek, North	Tyler	2	905	1,213	2,030	—
Willow Ridge	Burwash	4	199	199	—	—
Wills Creek, South	Red River	3	2,620	2,620	7,357	290
Windmill	Red River	1	274	—	347	103
Winnett Junction	Tyler	3	3,636	3,887	27,192	—
Wolf Springs	Amsden	4	1,021	997	72,432	1,774
Woodrow	Siluro-Ord.	2	900	900	2,000	—
Wrangler	Red River	2	3,631	3,390	4,492	2,937
Wrangler, North	Red River	1	963	697	723	855
Wright Creek	Muddy	3	761	—	7,216	1,577
Yates	Duperow	1	611	686	1,741	—
Yates	Red River	1	217	223	586	—
Wildcat, Carbon		1	192	192	—	—
Wildcat, Glacier County		3	124	—	—	—
Wildcat, Richland County		11	8,778	8,670	17,197	4,294
Wildcat, Roosevelt County		4	8,129	8,506	9,370	5,686
Wildcat, Rosebud County		1	112	188	1,031	2
Wildcat, Sheridan County		6	15,003	14,385	27,484	7,649
Wildcat, Stillwater County		1	28	165	—	—
Wildcat, Teton County		1	118	199	—	—
Wildcat, Toole County		2	270	214	—	—
TOTAL		4,321	2,540,821	2,512,196	11,563,508	1,171,193

NATURAL GAS MARKETED AT 14.73 PSIA AND 60°F.—MONTH OF SEPTEMBER, 1982

FIELD	MCF	FIELD	MCF	FIELD	MCF
Alma	977	Ethridge Area	9,348	Police Coulee	779
Amanda	18,145	Ethridge, North	3,625	Prairie Dell	4,055
Antelope Coulee	4,563	Fitzpatrick Lake	13,371	Rapelje	9,590
Arch Apex	20,418	Flat Coulee	2,218	Rattlesnake Coulee	12,309
Badlands	23,864	Fred & George Creek	1,508	Red Rock Area	13,022
Battle Creek	148,585	Fresno	7,274	Rocky Boy	186
Bear's Den	1,584	Gold Butte	242	Rudyard	15,868
Bell Creek, South	11,233	Grandview	5,908	Sage Creek	18,549
Big Coulee	18,453	Gypsy Basin	3,712	Sandwich	37
Big Rock	67,177	Hammond	11,055	Sawtooth Mountain	73,734
Bills Coulee	24,393	Hardin	2,371	Shelby	1,820
Black Butte	4,885	Hardpan	10,776	Shelby, Old	15,940
Black Coulee	7,650	Havre	8,394	Sherard	3,587
Blackfoot	18,977	Haystack Butte	544	Sherard Unit	21,532
Blackjack	2,972	Highview	348	Sherard Area	8,335
Blackleaf Canyon	1,873	Keith East	24,367	Snoose Coulee	897
Border	1,283	Keith Area	15,970	Soberup Coulee	213
Bowdoin	536,322	Kevin Sunburst	66,187	Spring Coulee	31,461
Bowdoin Area	39,590	Kevin Sunburst, Nisku	5,448	Strawberry Creek	752
Bowes	16,434	Kevin Sunburst, Southwest	33,522	Swanson Creek	55,083
Brown's Coulee	2,724	Kicking Horse	9,910	Three Mile	6,902
Brown's Coulee, East	12,025	Kinyon Coulee	3,684	Tiber	8,674
Buffalo Flat	35,364	Kinyon Coulee, South	383	Tiger Ridge	500,300
Bullwacker	56,963	Lake Basin	28,383	Tiger Ridge, North	394
Canadian Coulee	89	Lake Basin, North	1,114	Trail Creek	6,769
Canadian Coulee, North	29,223	Ledger	37,940	Two Forks	64
Cedar Creek	85,125	Leroy	78,310	Utopia	1,724
Chain Lakes Area	3,223	Liscom Creek	8,484	Vandelia	11,767
Chinook, East	622	Little Creek Area	227	West Butte	8,135
Chip Creek	1,185	Little Rock	11,969	West Butte Shallow Gas	2,800
Coal Coulee	5,960	Lohman	4,710	Whitlash	33,309
Cut Bank	135,779	East Loring	93,634	Whitlash, West	452
Devon, South	2,511	Marias River	4,348	Williams	24,082
Dry Creek	55,545	Middle Butte	2,711	Willow Ridge	22,043
Dry Creek, Middle	22,917	Miners Coulee	14,881	TOTAL NATURAL GAS	2,953,142
Dunkirk	14,618	O'Briens Coulee	25,104		
Dunkirk, North	8,207	Phantom	1,679		
Eagle Springs	4,819	Phantom, West	38,042		

Total natural gas marketed for September, 1981 was 3,233,766 MCF.

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total in Storage
December, 1981	498,268	1,325,536	638,879	2,462,683
March, 1982	570,183	1,283,311	943,071	2,796,565
June, 1982	516,877	1,347,985	570,281	2,435,143
July, 1982	488,268	1,280,760	658,164	2,427,192
August, 1982	496,447	1,300,215	637,988	2,434,650
September, 1982	521,603	1,273,667	470,687	2,265,957

REFINERS MONTHLY REPORT
SEPTEMBER, 1982

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co.	143,566	211,325	345,754	764,407	1,320,757	144,295
Exxon Company	189,169	14,924	896,578	155,739	1,085,870	170,540
Farmers Union	257,135	90,782	305,071	555,644	1,089,208	119,424
Flying J Oil	26,020	124,696	—	—	139,654	11,062
Kenco Refining	16,514	92,511	—	—	90,350	18,675
Simmons Refining	5,584	168,065	—	18,000	184,958	6,691
TOTALS	637,988	702,303	1,547,403	1,493,790	3,910,797	470,687

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